

Healthcare Information

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# Population

Trends
Age
Race/Ethnicity
Projection

# Education

**Attainment** 

# **Employment**

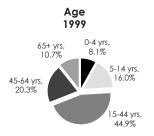
Major Employment Sectors
Unemployment

# Mendocino County Demographics



### California

# Population Trends 40 10 1990 1995 2000 2005

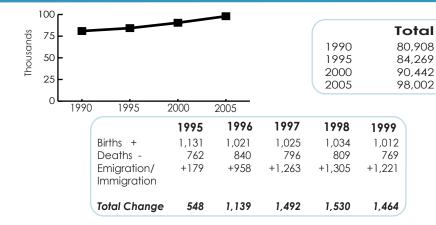


# Native American, Black, 0.6% 6.8% Asian/ Pacific Is., 11.3% White, 50.9%

Race/Ethnicity

### POPULATION

### **County Trends**

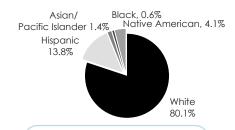


### Age 1999

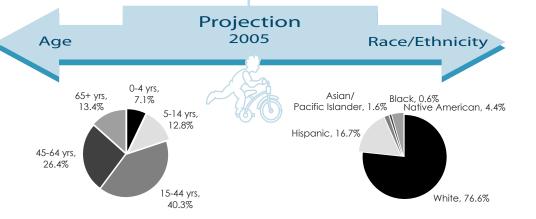
# 65+ yrs 0-4 yrs 6.4% 13.7% 5-14 yrs 14.1% 45-64 yrs 25.0%

Age	Number
0-4 yrs	5,736
5-14 yrs	12,581
15-44 yrs	36,233
45-64 yrs	22,214
65+ yrs	12,214
Total	88,978

### Race/Ethnicity 1999



Race	Number
White	71,242
Hispanic	12,268
Asian/Pacific Is.	1,266
Black	513
Native American	3,689
Total	88,978

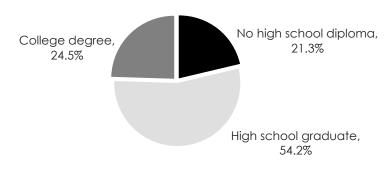


Source: California Department of Finance. Note that the population data from 1998 forward are based on projections.

30.4%

### Education

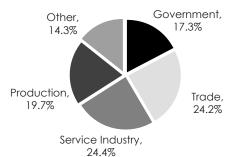
# Educational Attainment (based on 1990 census)



### Employment Sectors



### Major Employment Sectors

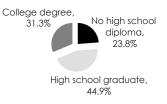


### **Major Employment Sectors**

(1999)	Number
Government	5,580
Trade	7,770
Service Industry	7,860
Production	6,350
Other	4,610
Total	32,170

### California

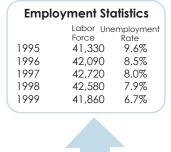
### Educational Attainment (based on 1990 Census)

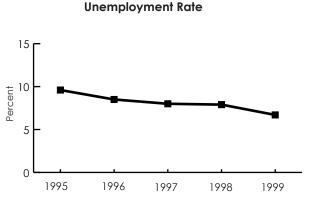


### Employment Sectors 1999



### Unemployment



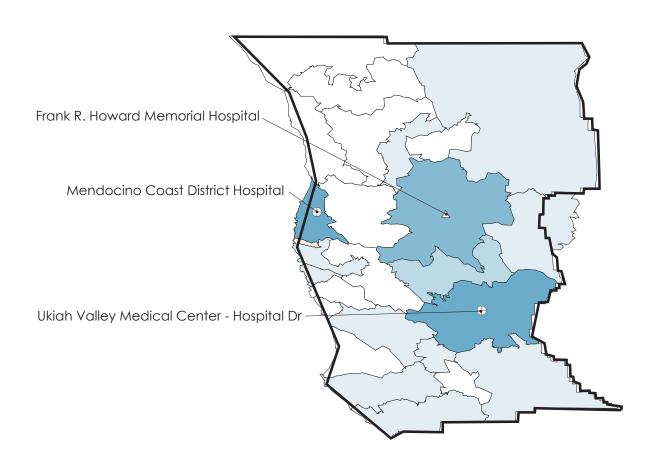


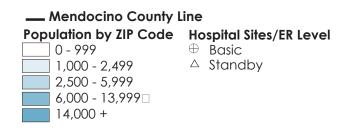
Source: Employment Development Department, Labor Market Information Division

# Unemployment Rate 7.5 5.0 2.5 1995 1996 1997 1998 1999

### Population & Healthcare Resources







Demographics



General Acute Care Hospitals

long-term Care facilities

Clinics

Home Health Agencies

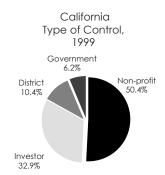
Hospices

# Mendocino County LHealthcare Resources



FINANCIAL & UTILIZATION INFORMATION GENERAL ACUTE CARE HOSPITALS 1999

There are three general acute care hospitals in Mendocino County. Two are non-profit, one is district-owned. All are considered small/rural hospitals and provide basic or standby emergency services.



# Resources: Acute

### FINANCIAL & UTILIZATION INFORMATION GENERAL ACUTE CARE & PSYCHIATRIC HOSPITALS 1999

Mendocino Coast District Hospital	Ukiah Valley Medical Center	Mendocino County Mental Health	Income Statement
\$32,538,014	\$64 637 475	\$1 274 629	Gross Patient Revenue
		0	-Deductions from Revenue
		1.274.629	Net Patient Revenue
			+Other Operating Revenue
	•		Total Operating Revenue
			-Operating Expenses
		0	Net from Operations
905,825	245,850	0	+Non-operating Revenue
0	34,306	0	-Non-operating Expense
0	0	0	-Income Taxes
0	0	0	-Extraordinary Items
\$45,016	\$153,169	\$0	Net Income
			Per Adjusted Day
\$1.843	\$2.409	\$618	Gross Patient Revenue
		•	-Deductions from Revenue
			Net Patient Revenue
•			+Other Operating Revenue
_		-	Total Operating Revenue
1,201	1,338	618	-Operating Expenses
(49)	(2)	0	Net from Operations
` 5 ĺ	9	0	+Non-operating Revenue
0	1	0	-Non-operating Expense
0	0	0	-Income Taxes
0	0	0	-Extraordinary Items
\$3	\$6	\$0	Net Income
			Resource Utilization
District		Government	Ownership
54	127	10	Available Beds
			Patient Days
	•		Discharges
			Occupancy Rate
		0	Outpatient Visits
			Average Length of Stay
			Emergency Service
ŭ		•	# of ER Stations
small/kural	small/Rural	rsychiatric	Specialty/Teaching/Rural
	Coast District Hospital \$32,538,014 12,330,232 20,207,782 149,193 20,356,975 21,217,811 (860,836) 905,825 0 0 \$45,016  \$1,843 698 1,144 8 1,153 1,201 (49) 51 0 0 \$3	Coast District Hospital         Ukiah Valley Medical Center           \$32,538,014         \$64,637,475           12,330,232         29,060,999           20,207,782         35,576,476           149,193         280,373           20,356,975         35,856,849           21,217,811         351,915,224           (860,836)         (58,375)           905,825         245,850           0         34,306           0         0           0         0           \$45,016         \$153,169           \$1,843         \$2,409           698         1,083           1,144         1,326           8         10           1,153         1,336           1,201         1,338           (49)         (2)           51         9           0         1           0         0           0         0           0         0           0         0           1,201         1,338           (49)         (2)           51         9           0         0           0         0           <	Coast District Hospital         Uklah Valley Medical Center Mental Health         County Mental Health           \$32,538,014         \$64,637,475         \$1,274,629           12,330,232         29,060,999         0           20,207,782         35,576,476         1,274,629           149,193         280,373         0           20,356,975         35,856,849         1,274,629           21,217,811         351,915,224         1,274,629           (860,836)         (58,375)         0           905,825         245,850         0           0         34,306         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           0         0         0           \$1,843         \$2,409         \$618           698         1,083         0           1,144         1,326         618           8         10         0           1,153         1,336         618           1,201         1,338         618           (49)         (2)         0

### Footnotes:

Per Adjusted Day: This statistic adjusts the number of patient days to compensate for outpatient services.

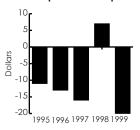
The financial data on this page reflect disproportionate share payments transferred to a related public entity.

\*Excludes data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals. Note that columns may not add to subtotals due to rounding.

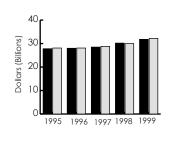


### California

### **Net Income from Operations Comparable Hospitals**



### Operating Revenue/Expense **Comparable Hospitals**



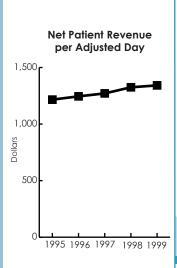
Revenue Expense

# esources: Acute Care Hospitals

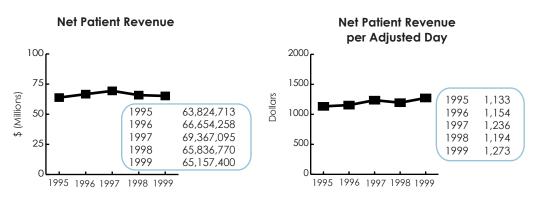
# Mendocino County Lealthcare Resources

### **ACUTE CARE HOSPITALS**

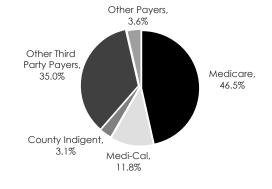
### California



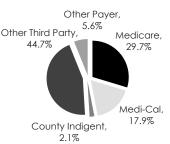
### Net Patient Revenue



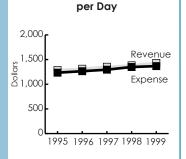
### Net Patient Revenue by Payer 1999



### **Net Patient Revenue** by Payer 1999



### Net Patient Revenue/Expense



**Net Inpatient** Revenue/Expense

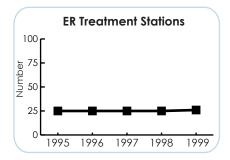
Net Inpatient Revenue/Expense per Day	Net Outpatient Revenue/Expense per Visit
1500 1000 1995 1996 1997 1998 1999	Revenue  Expense  1995  1996  1997  1998  1999

	Net Inpatient Revenue per Day	Net Inpatient Expense per Day	Net Outpatient Revenue per Visit	Net Outpatient Expense per Visit	
1995	\$1,132	\$1,128	\$233	\$232	
1996	1,152	1,128	248	243	
1997	1,241	1,199	252	243	
1998	1,197	1,216	167	170	
1999	1,278	1,320	159	164	J

Graphs and tables exclude data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals. Source: OSHPD Annual Hospital Financial Disclosure Reports.

Edition 2, 2001

### Emergency Room Services



**ER Treatment Stations** 

per 1,000 population

1997

1998

0.50

Stations 0.25

0.00

1995

1996



Basic: Standby: Trauma: 0

-		1
		ı
		1
		1
1999	J	

	ER Treatme	nt Stations
	Stations	per 1,000 Pop.
1995	25	0.30
1996	25	0.29
1997	25	0.29
1998	25	0.29
1999	26	0.29

FR Treatment

% of ER Visits

Resulting in

Admit

8.5

8.5

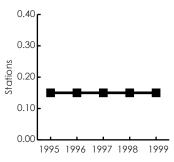
9.1

10.4

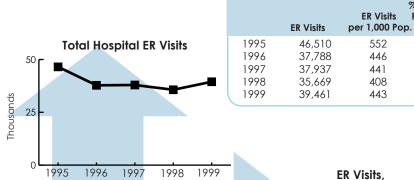
10.3

### California





### **Emergency Room Visits**



**ER Visits** 

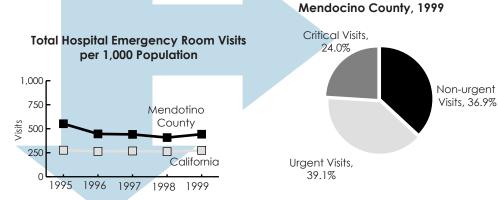
552

446

441

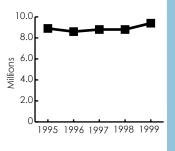
408

443



Graphs include data from comparable GAC hospitals plus Kaiser. Source: California Department of Finance, OSHPD Hospital Utilization database.

### **Emergency Room Visits**

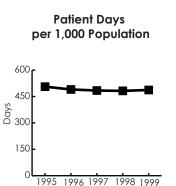


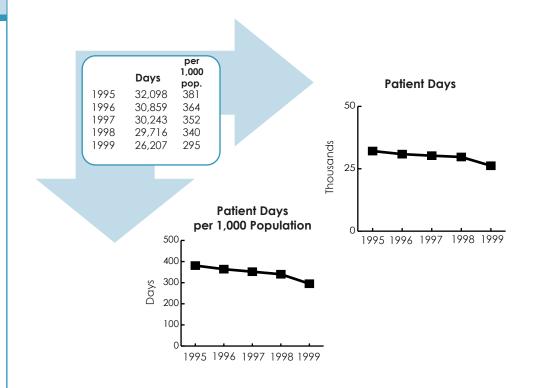
# Mendocino County Specific Trends

### **ACUTE CARE HOSPITALS**

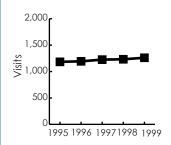
### **Patient Days**

### California



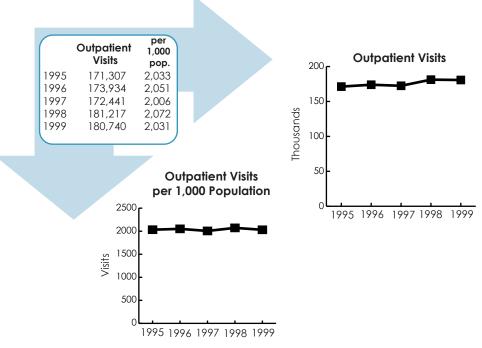


### Outpatient Visits



per 1,000 Population

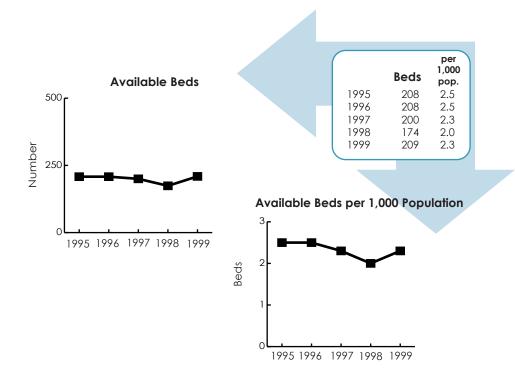
### **Outpatient Visits**



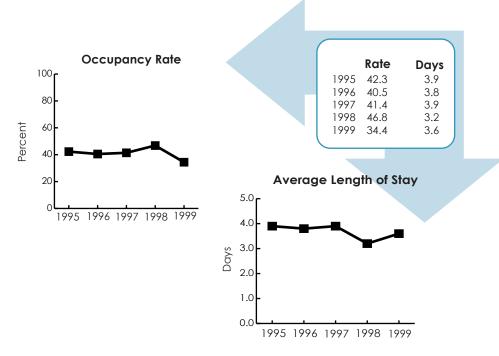
Graphs include data from comparable GAC hospitals plus Kaiser. Source: OSHPD Annual Hospital Financial Disclosure Reports.

Edition 2, 2001

### Available Beds



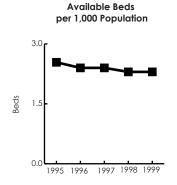
### Occupancy Rate

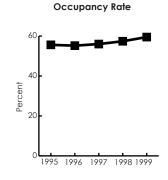


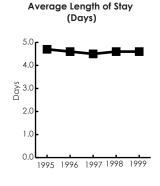
Graphs include data from comparable GAC hospitals plus Kaiser.

Source: OSHPD Annual Hospital Financial Disclosure Reports.

### California



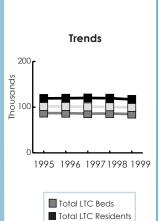




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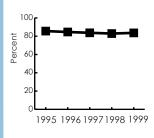


### California



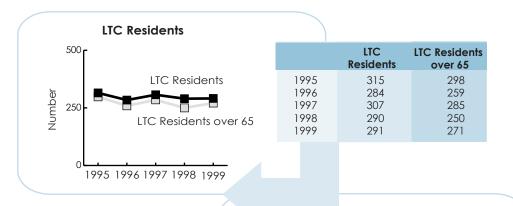
### Occupancy Rate

Residents over 65

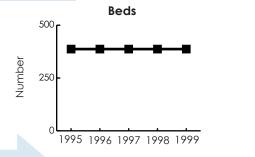


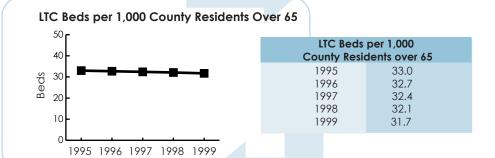
### LONG-TERM CARE FACILITIES

### **County Trends**



Beds		
1995 1996 1997 1998 1999	387 387 387 387 387 387	

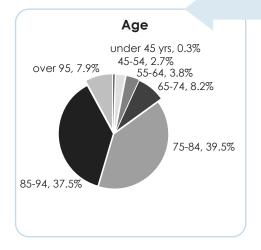


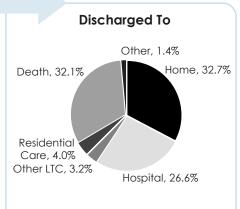


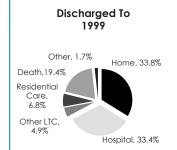
		LIC Occupancy kare
Occupa	ncy Rate	100 <sub><b>F</b></sub>
1995 1996 1997 1998 1999	82.0 77.7 76.4 76.3 76.1	75 - <b></b>
		1995 1996 1997 1998 1999

### Residents 1999

### California

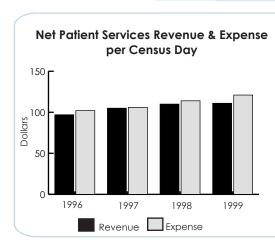


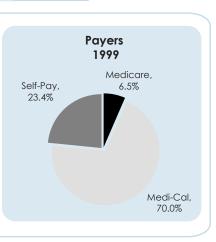




### financial Information

	Revenue per Day	Expense per Day
1996	\$97	\$102
1997	105	106
1998	110	114
1999	111	121







# Healthcare Resources



### Community clinics:

- tax-exempt nonprofit organizations
- charges are based on patients' ability to pay

### Free clinics:

 community clinics, where patients are not charged for services or medicines.

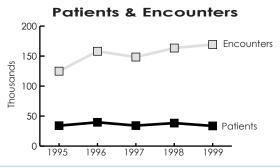
### California Clinic Patients Race/Ethnicity 1999

Pacific Islander, 0.4% Filipino, 1.0% Native American, 2.1% Other Non-White, 4.6% Asian, 5.3% Black, 6.7% White, 26.9%

The Poverty Guidelines are issued by the Federal Department of Health and Human Services to estimate the number of persons/families in poverty for determining financial eligibility for Federal programs.

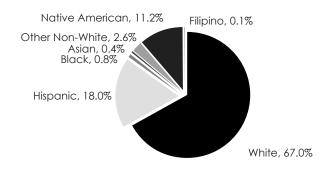
### PRIMARY CARE CLINICS

### County Trends

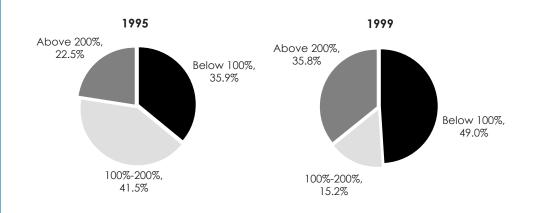


7		1995	1996	1997	1998	1999
ı	Patients	34,035	39,645	34,160	38,318	33,617
١	Encounters	124,860	158,024	148,396	163,396	169,322
١	# Community	9	9	9	9	8
١	# Free	0	0	0	0	0)

# Race/Ethnicity

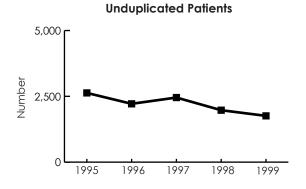


### Economic Status (Based on Federal Poverty Levels)



### HOME HEALTH AGENCIES

### County Trends

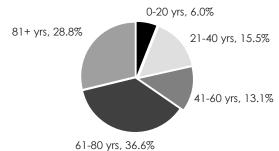


		Number	
	1995	2,630	
	1996	2,216	
	1997	2,454	
	1998	1,973	
	1999	1,758	
\ .			

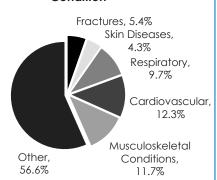
Unduplicated patient: may have been seen more than once but is counted only once as a patient.

### **Patients** 1999

### Age



### Condition



### Discharged To 1999

### Died, 7.1% To family/friends, 1.3% Other, 10.1% No further care needed,

To hospital, 7.6%

Source: OSHPD Home Health Agency Utilization databases.

74.0%

• Over 65% of patients in home health agency care are over the age of 60.

# esources: Hospices

# Mendocino County Healthcare Resources

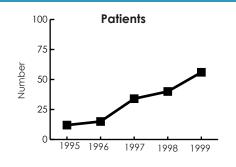


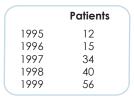
**Hospice:** palliative care to support a patient in the last phases of life due to the existence of a terminal disease.

• Over 92% of hospice patients are over the age of 60.

### **HOSPICES**

### County Trends



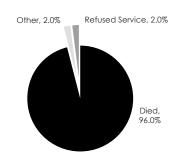


### Patients 1999

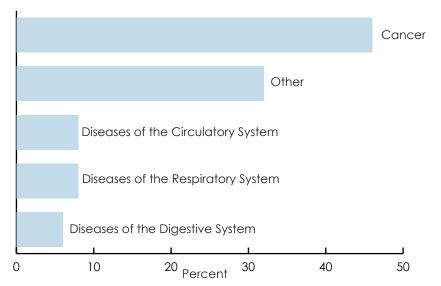
### Age

### 91+ yrs, 12.5% 31-60 yrs, 7.1% 81-90 yrs, 25.0%

### **Discharged To**



# Conditions Requiring Hospice Care 1999



Source: OSHPD Home Health Agency and Hospice Utilization Database.



# Inpatient Overview

Trends
Demographics
Admits/Dispositions

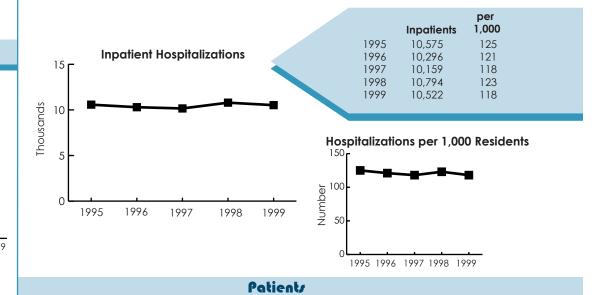
# Clinical Overview

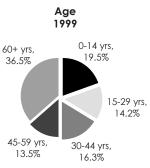
Types of Hospitalizations/Diagnosis
Types of Principal Procedures
Injuries/Types/Types by Age Group

# California **Hospitalizations** ospitalization Characteristics: Inpatient Overview 3.0 Willions 2.0 1.0 1995 1996 1997 1998 1999

# INPATIENT OVERVIEW

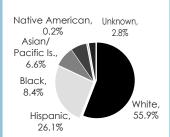
### County Trends



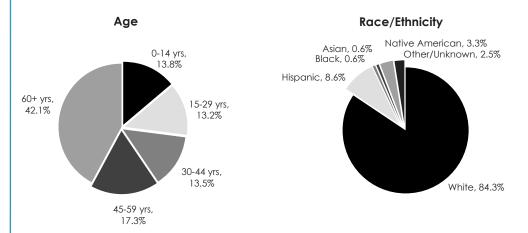


**Trends** 

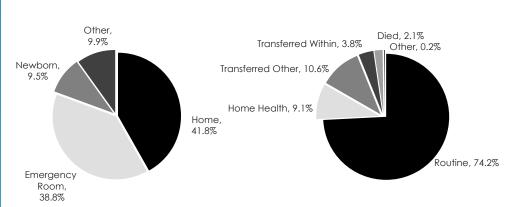
### Race/Ethnicity 1999



Edition 2, 2001



1999



Discharged To

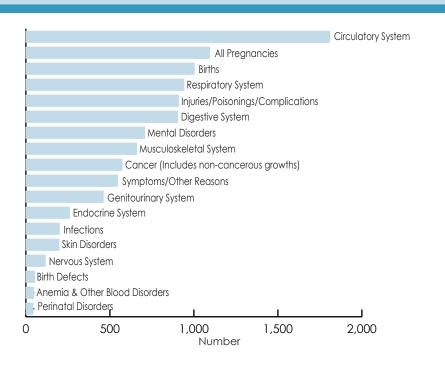
Source: Department of Finance, OSHPD California Inpatient Discharge Data.

**Admitted From** 

# ospitalization ( racteristics:Clinical Overvie

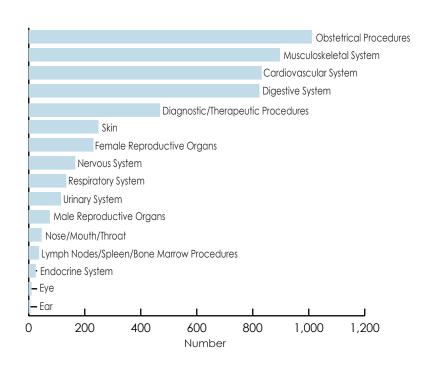
### CLINICAL OVERVIEW

# Types of Principal Diagnoses



- Pregnancies/births account for 19.9% of hospital discharges in Mendocino County, and 28.3% of hospital discharges statewide.
- Circulatory and respiratory system disorders and injuries/poisonings/commplications account for the top three diagnostic categories of hospital discharges in Mendocino County, excluding pregnancies and births.

### Types of Principal Procedures 1999



- Obstetrical procedures account for 19.8% of inpatient principal procedures performed on Mendocino County residents and 22.2% of inpatient principal procedures performed statewide
- Principal procedures performed for musculoskeletal, cardiovascular, and digestive systems are the top three procedure categories for hospital discharges in Mendocino County, excluding obstetrical and diagnostic/therapeutic procedures.

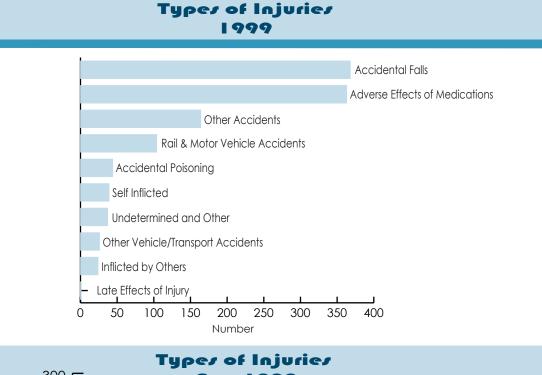
Source: California Inpatient Discharge Data, OSHPD.

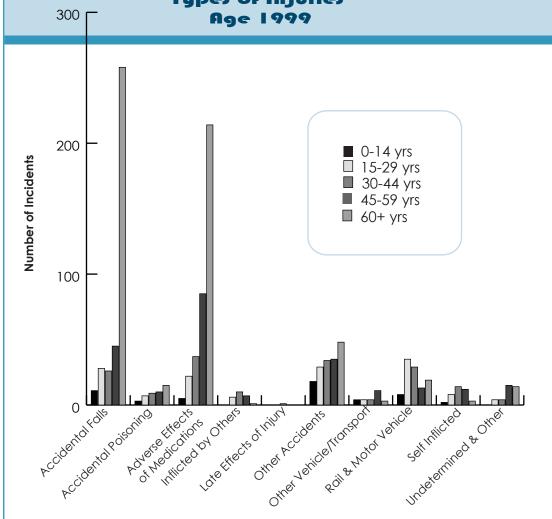
# Hospitalization Characteristics



Accidental falls, adverse effects of medications, and other accidents are the top three principal cause of injuries of Mendocino County inpatients.

In Mendocino County, patients age 60 and over represent 70.1% of discharge records for accidental falls and 59.0% of discharge records for adverse affects of medications.





Source: California Inpatient Discharge Data, OSHPD.



# Selected Conditions

Births & Deliveries
High-risk Deliveries
Asthma
Cancer
HIV

# Selected Procedures

Cardiac Bypass Mastectomy Prostatectomy

# Selected Injuries

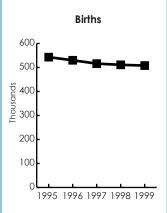
Auto Injuries Drug Poisonings Gunshot Injuries



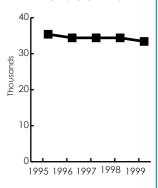
### **County Trends**



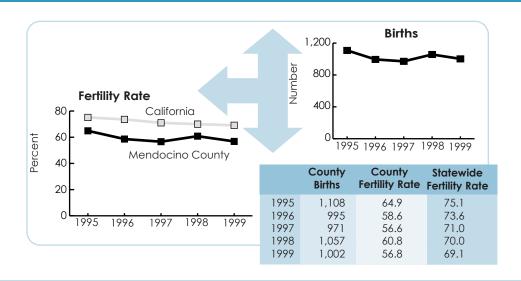
### California



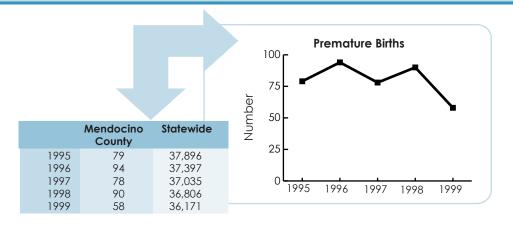
### **Premature Births**



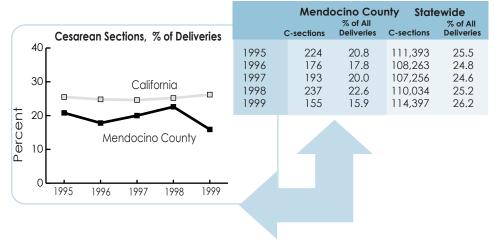
- Fertility rate is calculated by dividing the number of births by the population of females aged 15-44 years, and then dividing by 1,000.
- 7.3% of all births to California residents were premature.
- Year 2010 National Health Objectives Goal: Cesarean section births to equal no more than 15.5% of total births.



### **Premature Births**



### **Cesarean Section Deliveries**

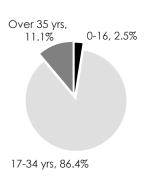


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance.

### County Trends

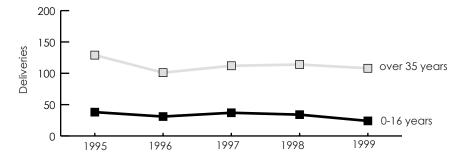
### All Deliveries: Mother's Age at Delivery,1999

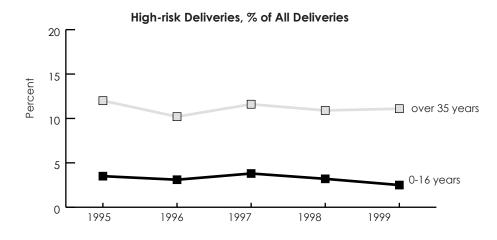
	0-1	6 yrs	17-34	yrs	Over 3	35 yrs
	Number	% of all births	Number	% of all births	Number	% of all births
1995	38	3.5	912	84.5	129	12.0
1996	31	3.1	859	86.7	101	10.2
1997	37	3.8	816	84.6	112	11.6
1998	34	3.2	902	85.9	114	10.9
1999	24	2.5	840	86.4	108	11.1



### High-risk Deliveries

### **High-risk Deliveries**





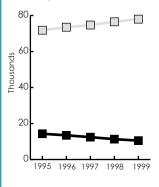
Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



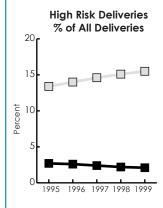
### California

 Deliveries by females less than 16 years of age or greater than 35 years of age are considered "high risk."

### **High Risk Deliveries**







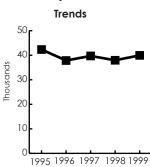
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# Mendocino County Specific Trends



### California

### **Asthma Hospitalizations**



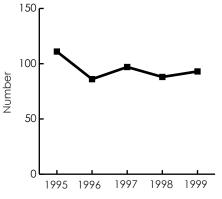
	-adjusted Rate er 1,000 Pop.
1995	1.30
1996	1.15
1997	1.18
1998	1.12
1999	1.16

# **ASTHMA**

(based on principal diagnosis)

### County Trends

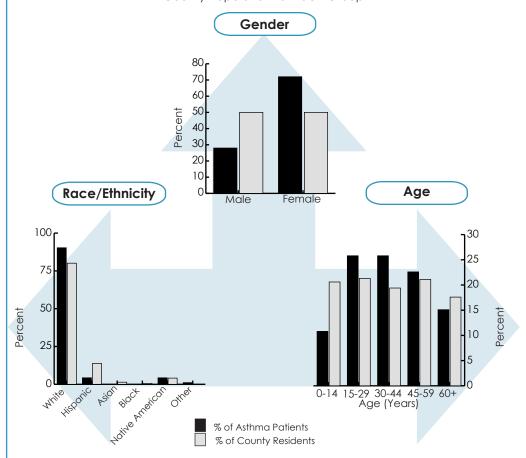




	spitalizations docino County	Age-adjusted Rate per 1,000 Pop.
1995	111	1.30
1996	86	1.02
1997	97	1.14
1998	88	1.00
1999	93	1.05

### **Patients** 1999

Percent of County Asthma Patients Compared to the Percent of Total County Population for Each Group

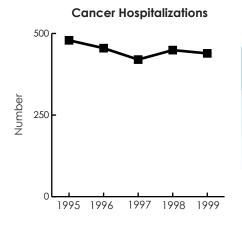


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

### **CANCER**

(based on principal diagnosis)

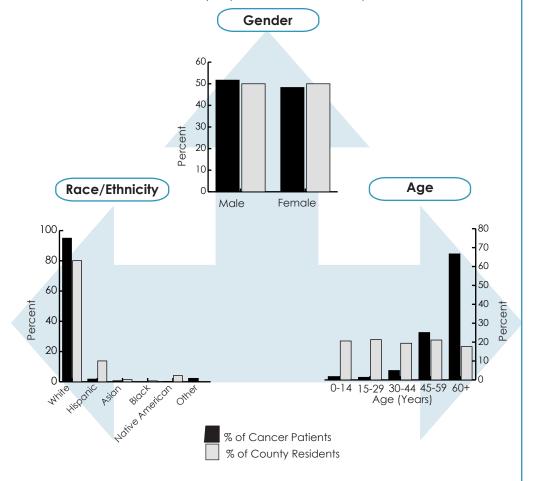
### **County Trends**



	talizations / cino County	Age-adjusted Rate per 1,000 Pop.
1995	479	5.36
1996	455	5.00
1997	420	4.54
1998	449	4.73
1999	439	4.55

### Patients 1999

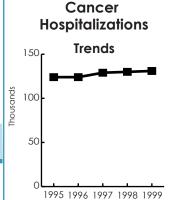
Percent of County Cancer Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



### California



	Age-adjusted Rate per 1,000 Pop.		
1995	4.44		
1996	4.36		
1997	4.43		
1998	4.37		
1999	4.30		

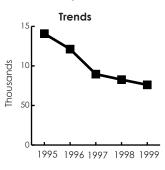
# Mendocino County Specific Trends





### California

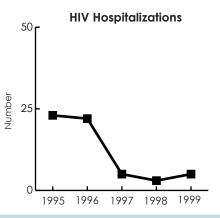
### **HIV Hospitalizations**



Age-adjusted Rate per 1,000 Pop.		
1995	0.43	
1996	0.37	
1997	0.27	
1998	0.25	
1999	0.22	

(based on principal diagnosis)

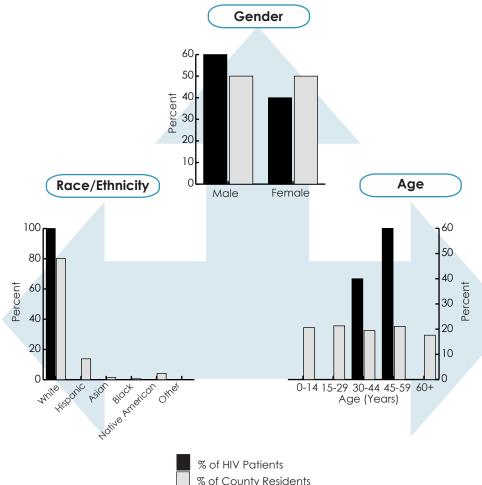
### County Trends



	Hospitalizations Mendocino County	Age-adjusted Rate per 1,000 Pop.
1995	23	0.28
1996	22	0.27
1997	5	0.06
1998	3	0.03
1999	5	0.05

### Patients 1999

Percent of County HIV Patients Compared to the Percent of Total County Population for Each Group



% of County Residents

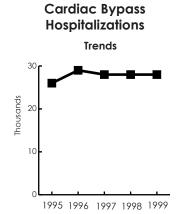
Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

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ecific Trends: Conditions

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### California

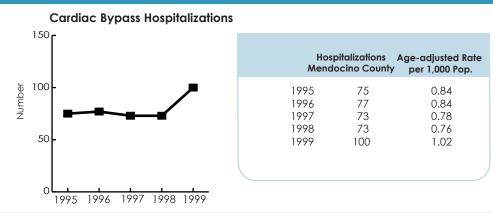


Statewide Age-adjusted Rate per 1,000 Pop.		
1995	0.97	
1996	1.03	
1997	0.99	
1998	0.96	
1999	0.93	

### CARDIAC BYPASS

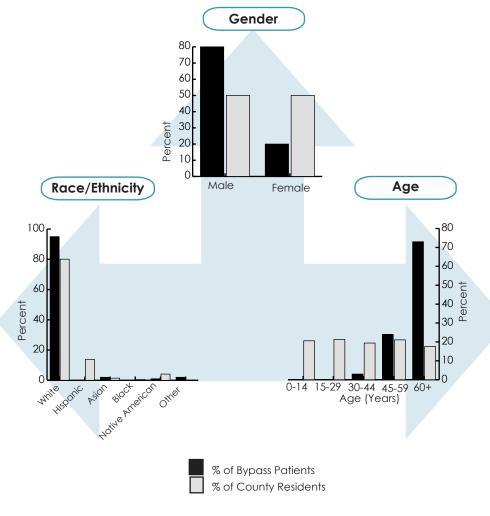
(based on principal procedure)

### County Trends



### Patients 1999

Percent of County Cardiac Bypass Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

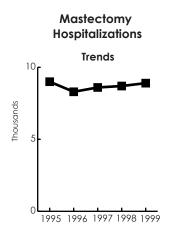
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# Specific Trends





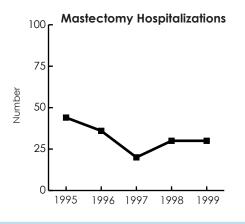
### California



### **MASTECTOMY**

(based on principal procedure)

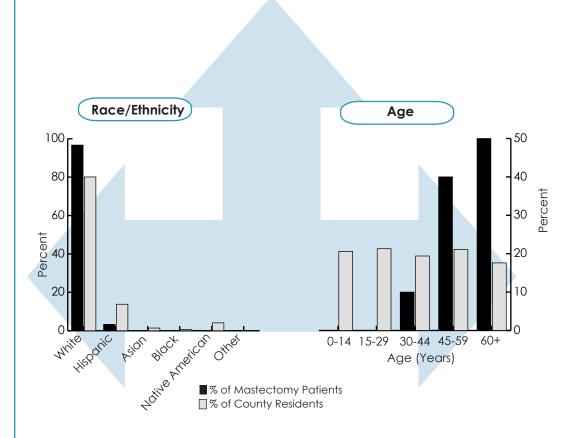
### County Trends



	Hospitalizations Mendocino County	Age-adjusted Rate per 1,000 Pop.
1995	44	0.50
1996	36	0.40
1997	20	0.22
1998	30	0.32
1999	30	0.31

### Patients 1999

Percent of County Mastectomy Patients Compared to the Percent of Total County Population for Each Group



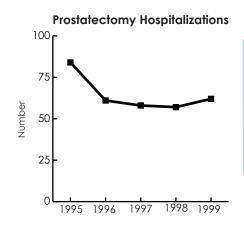
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pecific Trends: Procedures

Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

# PROSTATECTOMY (based on principal procedure)

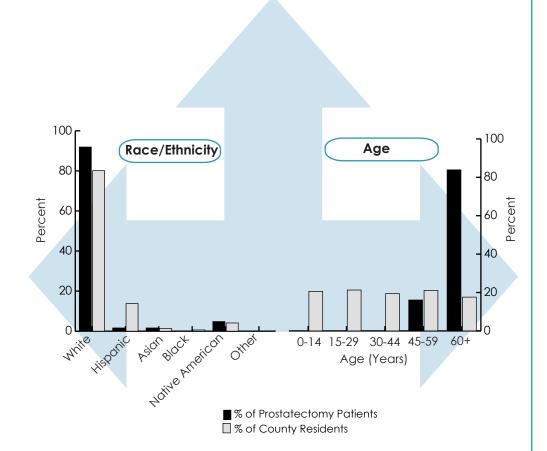
### County Trends



Hospitali Mendocin	zations o County	Age-adjusted Rate per 1,000 Pop.
1995	84	0.92
1996	61	0.66
1997	58	0.62
1998	57	0.59
1999	62	0.63

### Patient 1999

Percent of County Prostatectomy Patients Compared to the Percent of Total County Population for Each Group

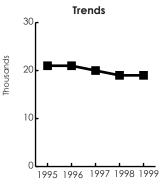


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



### California

### **Prostatectomy Hospitalizations**



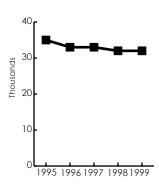
Age-adjusted Rate per 1,000 Pop.			
1995	0.79		
1996	0.75		
1997	0.72		
1998	0.67		
1999	0.65		





### California

### **Auto Injury Hospitalizations**



Age-adjusted Rate per 1,000 Pop.			
1995	1.08		
1996	1.04		
1997	1.01		
1998	0.98		
1999	0.97		

80

60

40

20

Percent

# AUTO INJURY (based on first event causing hospitalization)

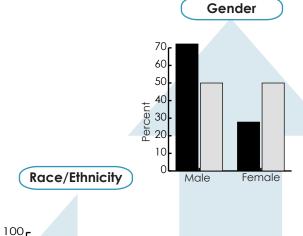
### County Trends

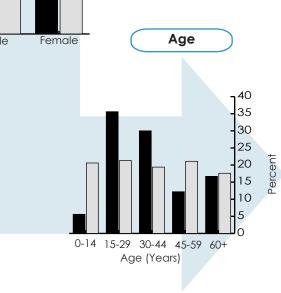


Hospitalizations Mendocino County		Age-adjusted Rate per 1,000 Pop.	
1995 1996 1997 1998 1999	103 86 85 98 90	1.25 1.02 0.99 1.13□ 1.03	

### **Patients** 1999

Percent of County Auto Injury Patients Compared to the Percent of Total County Population for Each Group





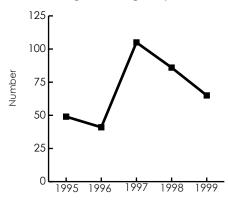
% of Auto Accident Patients ■ % of County Residents

Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

# DRUG POISONING (based on first event causing hospitalization)

### County Trends

### **Drug Poisoning Hospitalizations**

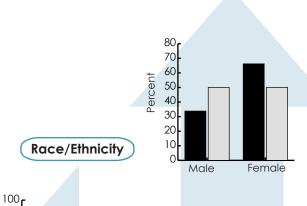


Hospitalizations Mendocino County		Age-adjusted Rate per 1,000 Pop.	
1995 1996 1997 1998	49 41 105 86	0.58 0.48 1.20 0.97	
1999	65	0.72	

### Patients 1999

Percent of County Drug Poisoning Patients Compared to the Percent of Total County Population for Each Group

Gender



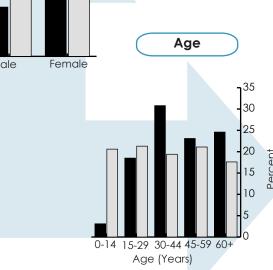
80

60

40

20

Adive American



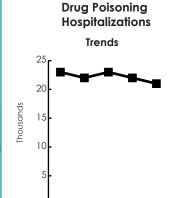
■ % of Drug Poisoning Patients

■ % of County Residents

Sources: California Inpatient Discharge Data, OSHPD.Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



### California



	Age-adjusted Rate per 1,000 Pop.
1995 1996 1997 1998 1999	0.72 0.71 0.70 0.66 0.64

1995 1996 1997 1998 1999

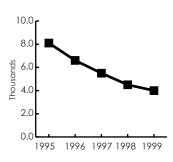




### California

### **Gunshot Injury** Hospitalizations

**Trends** 

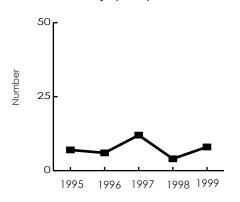


	-adjusted Rate er 1,000 Pop.
1995	0.24
1996	0.20
1997	0.16
1998	0.13
1999	0.12

# GUNSHOT INJURIES (based on first event causing hospitalization)

### County Trends

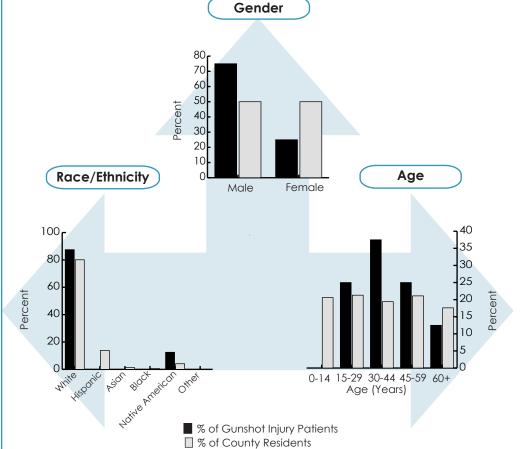
### **Gunshot Injury Hospitalizations**



	Hospitalizations Mendocino County			d Rate Pop.
19	95 7	,	0.09	
19	96 6	)	0.07	
19	97 12	)	0.14	
19	98 4	ļ	0.05	
19	99 8	}	0.09	

### Patients 1999

Percent of County Gunshot Injury Patients Compared to the Percent of Total County Population for Each Group



Sources: California Inpatient Discharge Data, OSHPD.Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.



# Healthcare Quality and Analysis Division

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